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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No.	03-1634/L13.12-0247	
First Inventor or Application Identifier		Alexander E. Andreev et al.
Title	DATA STREAM FREQUENCY REDUCTION AND/OR PHASE SHIFT	

Express Mail Label No. | EV194225921US

PT  
22294 U.S. PT  
10/656195**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \*Fee Transmittal Form e.g., PTO/SB17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Sheets **26**]   
(preferred arrangement set forth below  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. § 113) [Total Sheets **5**]
4. Oath or Declaration [Total Sheets **3**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Address To: **Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

5.  Microfiche Computer Program (Appendix)
6.  Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (Identical to computer copy)
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. § 3.73(b) Statement  Power of Attorney
9.  English Translation Document
10.  Information Disclosure Statement (IDS/PTO – PTO)  Copies of IDS
11.  Preliminary Amendment
12.  Two Return Receipt Postcards (MPEP 503)
13.  \*Small Entity  Statement filed in prior application. Statement(s) Status still proper and desired (PTO/SB/09-12)
14.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
15.  Request and Cert. Under 35 USC 122 (Non-Pub)
16.  Other: File Data Sheet

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation     Divisional     Continuation –in part (CIP)    of prior application No: \_\_\_\_\_

Prior application information:    Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**FOR CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

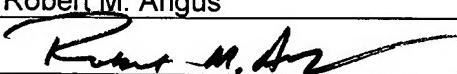
**17. CORRESPONDENCE**

Customer Number or Bar Code Label

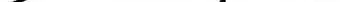
(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Leo J. Peters LSI LOGIC CORPORATION		
Address	1621 Barber Lane M/S D-106		
City	Milpitas	State	CA
Country	USA	Telephone	Fax

Name (Print/type)	Robert M. Angus	Registration No. (Attorney/Agent)	24,383
Signature			Date
			9/4/03

FEE TRANSMITTAL						Complete if Known				
						Application No.				
						Filing Date			Herewith	
						First Named Inventor			Alexander E. Andreev et al.	
						Title			DATA STREAM FREQUENCY REDUCTION AND/OR PHASE SHIFT	
						Group Art Unit				
						Examiner Name				
Total Amount of Payment \$ 750						Atty. Docket Number 03-1634/L13.12-0247				
METHOD OF PAYMENT (Check One)						FEE CALCULATION (Continued)				
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge \$750.00 or any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 12-2252. 2. <input type="checkbox"/> Check Enclosed						3. ADDITIONAL FEES				
						Large Entity	Small Entity			
						Fee	Fee	Fee Description	Fee Paid	
						Code	(\$)	Code	(\$)	
						1051	130	2051	65	Surcharge - Late filing fee or oath
						1052	50	2052	25	Surcharge - Late provisional Filing Fee or cover sheet
						1053	130	1053	130	Non-English specification
						1812	2,520	1812	2,520	For Filing a Request for Reexamination. (ex parte)
						1251	110	2251	55	Extension for reply within first month
						1252	410	2252	205	Extension for reply within second month
						1253	930	2253	465	Extension for reply within third month
						1254	1,450	2254	725	Extension for reply within fourth month
						1255	1,970	2255	985	Extension for reply within fifth month
						1402	320	2402	160	Filing a brief in support of an appeal
						1403	280	2403	140	Request for oral hearing
						1814	110	2814	55	Terminal Disclaimer Fee
						1452	110	2452	55	Petition to Revive - unavoidable
						1453	1,300	2453	650	Petition to Revive - unintentional
						1501	1,300	2501	650	Utility/Reissue issue fee (inc. advance copies)
						1502	470	2502	235	Design issue fee (inc. advance copies)
						1460	130	1460	130	Petitions to the Commissioner
						1807	50	1807	50	Petitions related to provisional applications
						1806	180	1806	180	Submission of Information Disclosure Statement
						8021	40	8021	40	Recording each patent assignment per property (times number of properties)
						Other Fee (specify) _____				
						Subtotal (2) \$ 0				
						Subtotal (3) \$ 0				

Signature   
(Robert M. Angus )

Req. No. 24,383

Date Sept. 4, 2003

Deposit Account No. 12-2252